

# Sophos SG/XG Series Appliances

## Technical Specifications

DESKTOP REV.3 [2018]	Available as XG	Available as SG and XG	Available as SG and XG	Available as SG and XG	Available as SG and XG
<b>MODEL</b>	85(w) rev.3	105(w) rev.3	115(w) rev.3	125(w) rev.3	135(w) rev.3
<b>Form factor</b>	desktop	desktop	desktop	desktop	desktop
<b>TECHNICAL SPECS</b>					
<b>Processor</b>	Intel Apollo Lake E3930	Intel Apollo Lake E3930	Intel Apollo Lake E3940	Intel Denverton C3508	Intel Denverton C3558
<b>Memory</b>	2GB DDR3L SoDIMM	2GB DDR3L SoDIMM	4GB DDR3L SoDIMM	4GB DDR4 UDIMM	6GB DDR4 UDIMM
<b>Hard Drive</b>	8 GB eMMC	64 GB M.2 SSD	64 GB M.2 SSD	64 GB M.2 SSD	64 GB M.2 SSD
<b>Ethernet Ports</b>	4x GE	4x GE + 1xSFP (shared w/eth3/Port4)	4x GE + 1xSFP (shared w/eth3/Port4)	8x GE + 1xSFP	8x GE + 1xSFP
<b>GigEth Copper</b>	4	4	4	8	8
<b>GigEth SFP GBIC</b>	-	1	1	1	1
<b>Expansion Bay</b>	n/a	n/a	n/a	available	available
<b>Internal radio for wireless models</b>	802.11a/b/g/n/ac dual band selectable full-size mini pcie card 2 antennas	802.11a/b/g/n/ac dual band selectable full-size mini pcie card 2 antennas	802.11a/b/g/n/ac dual band selectable full-size mini pcie card 2 antennas	802.11a/b/g/n/ac dual band selectable full-size mini pcie card 3 antennas	802.11a/b/g/n/ac dual band selectable full-size mini pcie card 3 antennas
<b>external 2nd Wi-Fi radio module</b>	n/a	n/a	n/a	n/a	SG 135: n/a XG 135: n/a SG 135 (w): available XG 135 (w): available  802.11a/b/g/n/ac dual band selectable full-size mini pcie card 2 antennas
<b>3G/4G module</b>	n/a	n/a	n/a	SG 125: available XG 125: available SG 125 (w): available XG 125 (w): available	SG 135: available XG 135: available SG 135 (w): available XG 135 (w): available
<b>I/O PORTS</b>					
<b>USB</b>	2 (rear) USB 2.0	2 (rear) USB 2.0	2 (rear) USB 2.0	2 (rear) USB 2.0	2 (rear) USB 2.0
<b>CONSOLE</b>	1 (rear) micro-usb primary 1 (rear) RJ45 secondary	1 (rear) micro-usb primary 1 (rear) RJ45 secondary	1 (rear) micro-usb primary 1 (rear) RJ45 secondary	1 (rear) micro-usb primary 1 (rear) RJ45 secondary	1 (rear) micro-usb primary 1 (rear) RJ45 secondary
<b>HDMI</b>	n/a	1 (rear) Type A	1 (rear) Type A	1 (rear) Type A	1 (rear) Type A
<b>PHYSICAL SPECS</b>					
<b>Dimensions w*h*d (mm)</b>	190x117x43	XG: 245 x 157 x 44 mm SG: 225 x 150 x 44 mm	XG: 245 x 157 x 44 mm SG: 225 x 150 x 44 mm	XG: 320 x 212 x 44 mm SG: 305 x 205 x 44 mm	XG: 320 x 212 x 44 mm SG: 305 x 205 x 44 mm
<b>Weight (kg) unpacked/packed</b>	XG 85: 0.75/1.9 XG 85w: 0.82/2.0	SG 105: 1.115/1.845 SG 105w: 1.181/1.911 XG 105: 1.165/2.4 XG 105w: 1.23/2.465	SG 115: 1.115/1.845 SG 115w: 1.181/1.911 XG 115: 1.165/2.4 XG 115w: 1.23/2.465	SG 125: 1.834/2.739 SG 125w: 1.917/2.865 XG 125: 1.917/3.302 XG 125w: 1.995/3.38	SG 135: 1.834/2.739 SG 135w: 1.917/2.865 XG 135: 1.917/3.302 XG 135w: 1.995/3.38
<b>POWER</b>					
<b>Power Supply</b>	External auto-ranging DC: 12V 110-240VAC 24W @50-60 Hz	External auto-ranging DC: 12V 110-240VAC 36W @50-60 Hz	External auto-ranging DC: 12V 110-240VAC 36W @50-60 Hz	External auto-ranging DC: 12V 110-240VAC 36W @50-60 Hz	External auto-ranging DC: 12V 110-240VAC 36W @50-60 Hz
<b>Power Consumption (idle)</b>	12w/40.94 BTU	8.88w/30.28 BTU	8.88w/30.28 BTU	18.6w/63.426 BTU	18.6w/63.426 BTU
<b>Power Consumption (full load)</b>	20.4w/69.6 BTU	10.44w/35.6 BTU	10.44w/35.6 BTU	20.04w/68.336 BTU	20.04w/68.336 BTU
<b>ENVIRONMENT</b>					
<b>Noise level (avg.) (with/without smart fan)</b>	0 dBA (fanless)	0 dBA (fanless)	0 dBA (fanless)	22.9dB / 36.5 dBd	22.9dB / 36.5 dBd
<b>Operating Temperature</b>	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C
<b>Storage Temperature</b>	-20°C - 80°	-20°C - 80°	-20°C - 80°	-20°C - 80°	-20°C - 80°
<b>Humidity</b>	10% - 90% non-condensing	10% - 90% non-condensing	10% - 90% non-condensing	10% - 90% non-condensing	10% - 90% non-condensing
<b>CERTIFICATIONS</b>					
<b>Certifications (Safety, EMC)</b>	From Jan: CB, CE, FCC Class A, ISED, VCCI, RCM, UL, MIC (Japan). From Feb: CCC, KC. After launch: BIS	From Jan: CB, CE, FCC Class B, ISED, VCCI, RCM, UL, MIC (Japan). From Feb: CCC, KC. After launch: BIS	From Jan: CB, CE, FCC Class B, ISED, VCCI, RCM, UL, MIC (Japan). From Feb: CCC, KC. After launch: BIS	From Jan: CB, CE, FCC Class B, ISED, VCCI, RCM, UL, MIC (Japan). From Feb: CCC, KC. After launch: BIS	From Jan: CB, CE, FCC Class B, ISED, VCCI, RCM, UL, MIC (Japan). From Feb: CCC, KC. After launch: BIS
<b>MTBF (hours) (Telcordia SR-332 Issue 2)</b>	405000 346302	380517 327225	380517 326904	272628 238834	259470 248570